

EAST Browser - L19: (66) 18 and progr... | US 5796094 | Tag: S | Doc: 46/66 | "Full" 4/21 (Total images 21)

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Document IDKind CodesSource

24US 6329139 B1USPAT

25US 6

26US 6Find what: reflectEnd Next

27US 6Area: UpDownDirection: WholePartMatch word: LeftRightLook in: GridDocumentsMatch case

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31US 6167206 AUSPAT

32US 6167169 AUSPAT

33US 6141465 AUSPAT

34US 6118908 AUSPAT

35US 6097023 AUSPAT

36US 6078704 AUSPAT

37US 6017496 AUSPAT

38US 5982101 AUSPAT

39US 5978524 AUSPAT

40US 5961923 AUSPAT

41US 5912997 AUSPAT

42US 5911018 AUSPAT

43US 5887089 AUSPAT

44US 5852688 AUSPAT

45US 5835458 AUSPAT

46US 5796094 AUSPAT

FIG. 4

5256484039

4844

TARGET SCENE

36a

40a

14a15

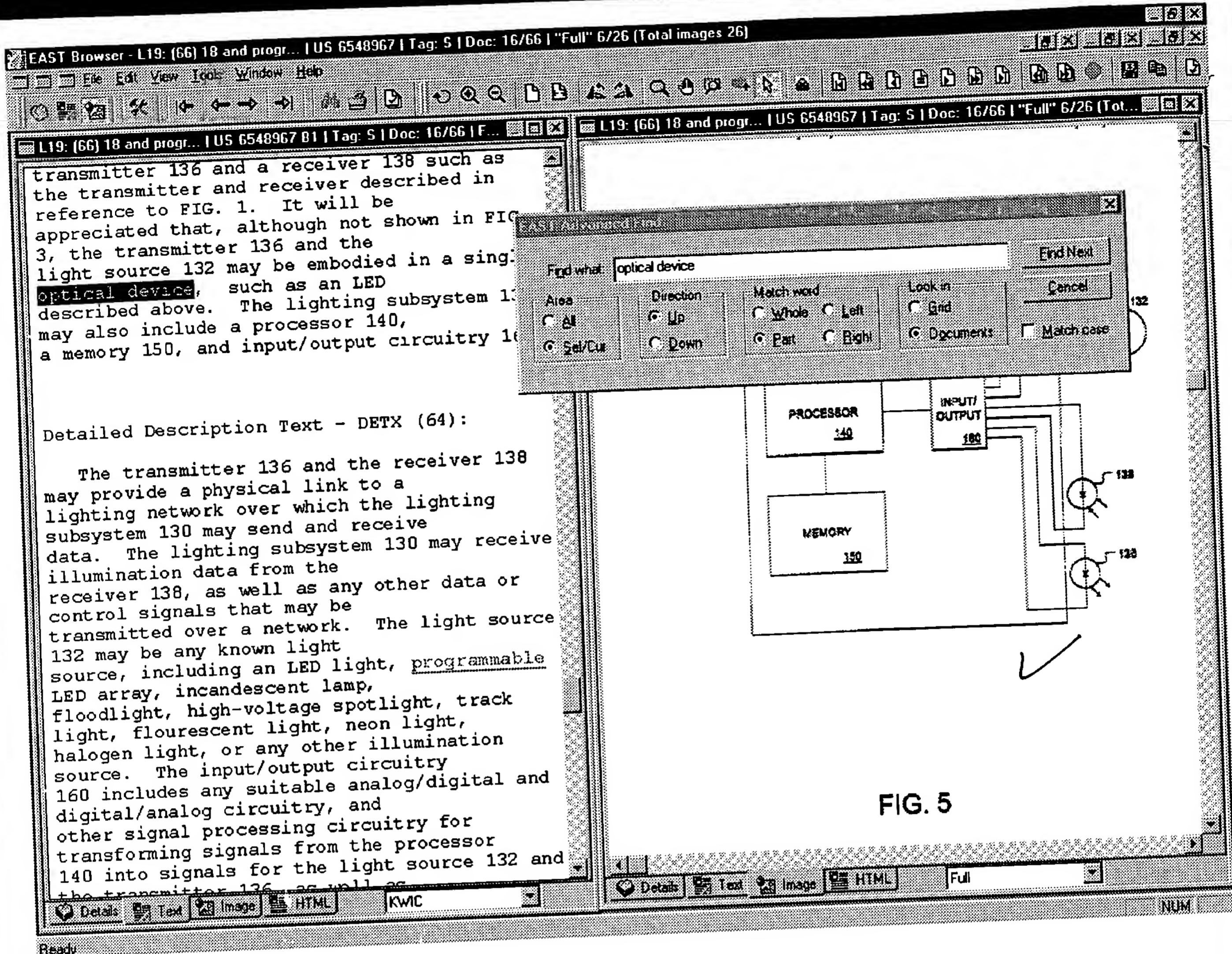
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Next, a manufacturing method of the TFT substrate 100 will be described with reference to FIGS. 2A-2E and 3A-3B. The right-hand portions of FIGS. 2A-2E and 3A-3B show a manufacturing process of a TFT that is to be formed in the pixel area 102 and the left-hand portions show a manufacturing process of TFTs to be formed in the driver circuit areas 103 and 104, respectively.

Detailed Description Text - DETX (8):

First, as shown in FIG. 2A, a silicon oxide film as an undercoat insulating film 121 for preventing impurity diffusion from a glass substrate 101 is formed on the glass substrate 101 at a thickness of 100-300 nm. The silicon oxide film may be formed by sputtering or plasma CVD in an oxygen atmosphere. In this embodiment, a 200-nm-thick silicon oxide film is formed by plasma CVD by using a TEOS gas as a material. If a quartz substrate is used as the substrate 101, the undercoat insulating film 121 can be omitted.

Detailed Description Text - DETX (23):

In the pixel area 102 of the TFT substrate 100 shown in FIG. 18A, at least one TFT is provided for and electrically connected to each pixel electrode. Examples of driver circuits formed in the driver circuit areas 103 and 104 are a shift register and an address decoder. Other circuits may also be formed when necessary.

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Direction: ☐ Up ☐ Down

Match word: ☐ Whole ☐ Part

Look in: ☐ Left ☐ Right

☐ Grid ☐ Documents

☐ Match case

Cancel

erroneous measurements.

Detailed Description Text - DETX (18):

When taking a reference measurement, respectively making calibrations, the gloss measuring device 1 is placed on reference surface 8 and a **program** stored in memory means 61 is started by means of inputting a control command via control component 62 of said gloss measuring device 1 and the color measuring device is controlled via control means 60 for taking the reference measurement.

Claims Text - CLTX (16):

16. A method according to claim 1, wherein geometric changes in said optical device are detected.

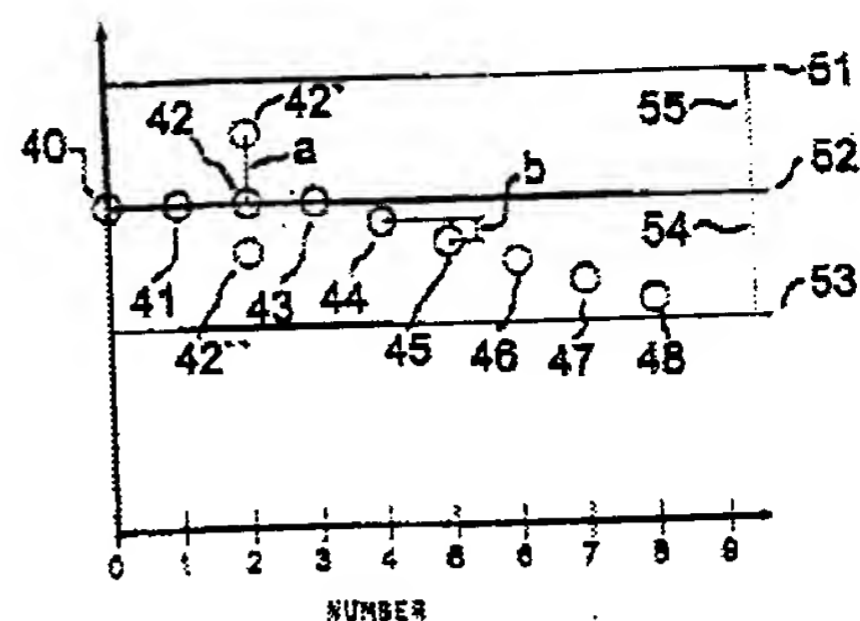


FIG. 4A

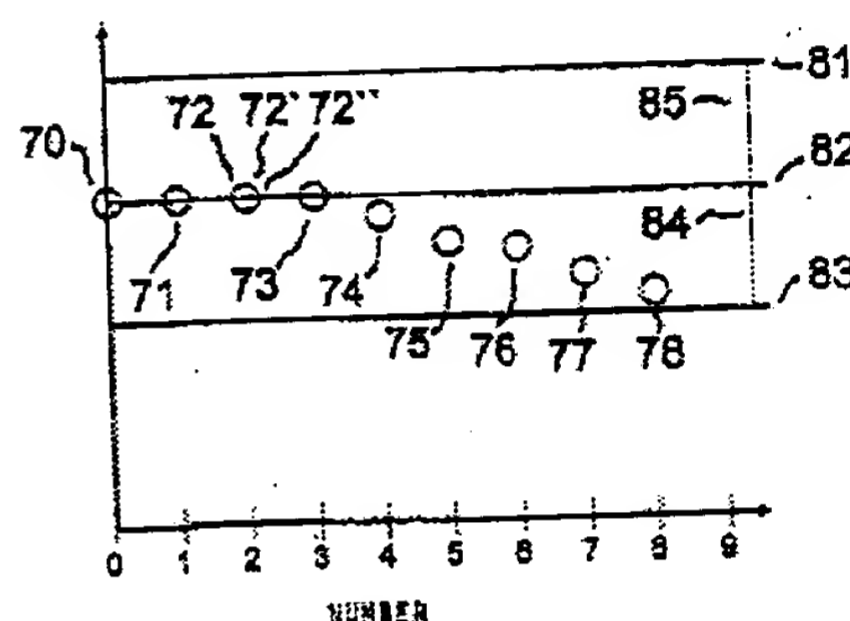


FIG. 4B

	Kind Codes	Source
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2		US-PGPUB
3		US-PGPUB
4	US 6482593 B2	USPAT
5	US 6452724 B1	USPAT
6	US 6406845 B1	USPAT
7	US 6208463 B1	USPAT
8	US 6108131 A	USPAT
9	US 5814524 A	USPAT
10	US 5020411 A	USPAT
11	US 4944211 A	USPAT

(1) United States Patent
Hansen et al.**(2) Patent No.:** US 6,452,724 B1
(3) Date of Patent: Sep. 17, 2002**(4) POLARIZER APPARATUS FOR PRODUCING A GENERALIZED POLARIZED BEAM OF LIGHT****FOREIGN PATENT DOCUMENTS****(5) INVENTOR:** Douglas B. Hansen, Orem, UT (US);
John G. Gierke, Torrance, CA (US)**US** 2000/0123456
EP 1000000 A1
JP 2000-000000 A

(See continued on next page)

(6) ATTORNEY: Mendenhall, O'Connell, UT (US)**OTHER PUBLICATIONS****(*)** **Reference:** Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.L17 and J.A. Delamater, "Visible broadband, wide-angle, low-loss multilayer polarizing beam splitter," *Applied Optics* May 1, 1994, vol. 33, pp. 2221-2224; Delamater and Wenzel, "Broadband multilayer polarizing beam splitter," *Optics Letters* 1997, 22(11): 841-843.

(See continued on next page)

(21) Appl. No.: 09/032,349**(22) Filed:** Jan. 24, 2000**Related U.S. Application Data****(23) Division of application No. 08/703,414, filed May 14, 1996, now Pat. No. 5,712,111.****(24) Int. Cl.:** G02B 27/00, G02B 27/02**(25) U.S. Cl.:** 359/400, 359/401, 359/402, 359/403, 359/404, 359/405, 359/406, 359/407, 359/408, 359/409, 359/410, 359/411, 359/412, 359/413, 359/414, 359/415, 359/416, 359/417, 359/418, 359/419, 359/420, 359/421, 359/422, 359/423, 359/424, 359/425, 359/426, 359/427, 359/428, 359/429, 359/430, 359/431, 359/432, 359/433, 359/434, 359/435, 359/436, 359/437, 359/438, 359/439, 359/440, 359/441, 359/442, 359/443, 359/444, 359/445, 359/446, 359/447, 359/448, 359/449, 359/450, 359/451, 359/452, 359/453, 359/454, 359/455, 359/456, 359/457, 359/458, 359/459, 359/460, 359/461, 359/462, 359/463, 359/464, 359/465, 359/466, 359/467, 359/468, 359/469, 359/470, 359/471, 359/472, 359/473, 359/474, 359/475, 359/476, 359/477, 359/478, 359/479, 359/480, 359/481, 359/482, 359/483, 359/484, 359/485, 359/486, 359/487, 359/488, 359/489, 359/490, 359/491, 359/492, 359/493, 359/494, 359/495, 359/496, 359/497, 359/498, 359/499, 359/500, 359/501, 359/502, 359/503, 359/504, 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Details Text Image HTML

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(25) Patent No.: US 6,208,463 H1
(45) Date of Patent: *Mar. 27, 2001

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OTHER FUN

OTHER REPLICATIONS

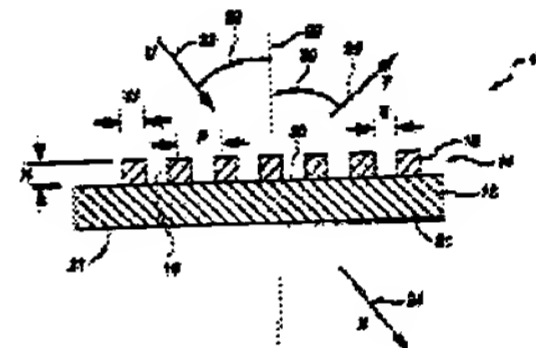
LE 21 224 B. A. Schrowski. "Vick's breakfast, with
-eggs, tin-tin mulligatawny pointing best spine."
Jusied Cotton May 2, 1980 in 222-223.

Property Located—Olmsted Scholberg
(23) Attorney, Agent or Firm—Hings, North & Wessman
L.L.P.

ABSTRACT

[illegible]

31. Writing & Drawing Tasks



 Details
 Text
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Full

NLM

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<input type="radio"/> Sel/Ex	<input type="radio"/> Down	<input type="radio"/> Part <input type="radio"/> Right	<input type="radio"/> Documents	<input type="checkbox"/> Match case

(19) Surface optical waveguide optics can also advantageously be developed with the method in accordance with the present invention. In this way confocal, sector-shaped pattern structures or also lens-shaped recesses can be created the focus of which lies in the surface optical wave guide and is oriented to, for example, a narrow **filament**-shaped or strip-shaped optical wave guide or optical wave guide section.

(20) Mirror surfaces of concave mirrors, concave mirror arrays, optical grids, etc. can be produced by the method. The structure can be made directly in high-quality reflective metal surfaces, for example, of silver or chromium, or they can be produced on a material that can be later mirrored. The surface can advantageously be vacuum-mirrored by feeding the substrate into a vacuum-coating device of the vacuum chamber after completion of the melting process.

U.S. Patent

Apr 2, 1996

Sheet 2 of 2

5,504,302

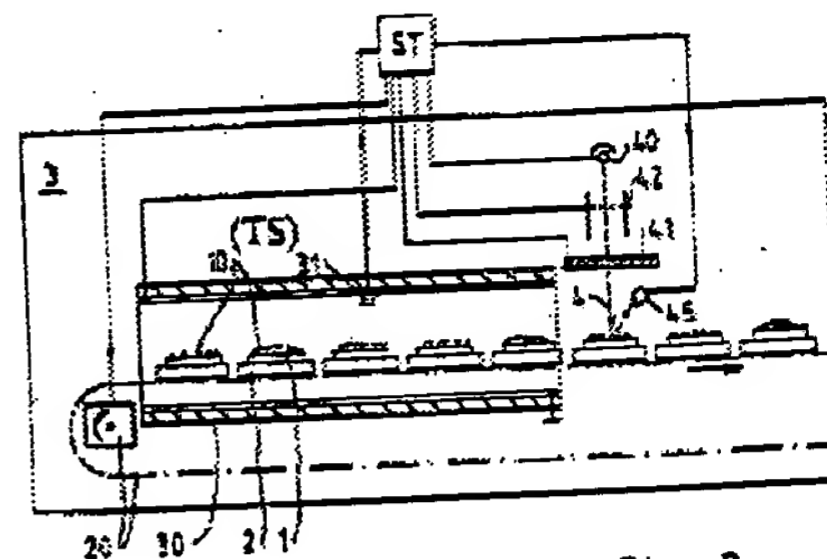


Fig. 2

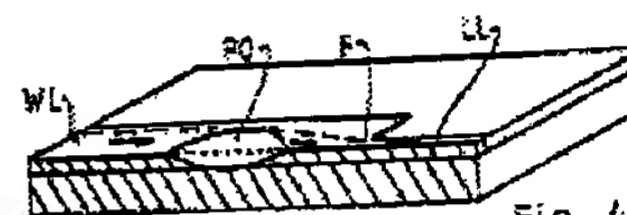


Fig. 4

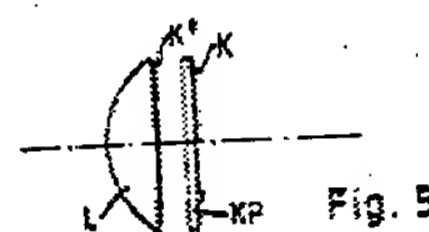
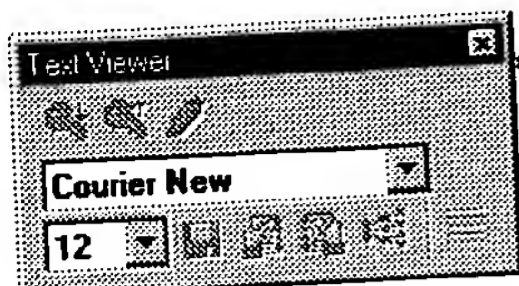


Fig. 5



(34) **POLARIZER APPARATUS FOR PROTECTING A GENERALLY POLARIZED BEAM OF LIGHT**

(73) Inventors: Douglas P. Hansen, Orem, UT (US); John Gunther, Torrance, CA (US)

(73) Assignee: Moxtek, Orem, UT (US)

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 354(b) by 0 days.

This patent is subject to a terminal disclaimer.

(21) Appl. No.: 09/603,249

(22) Filed: Jun. 26, 2000

Related U.S. Application Data

(52) Division of application No. 09/078,613, filed on May 14, 1998, now Pat. No. 6,105,131.

(51) Int. Cl.⁷ G02B 5/30; G02B 27/28

(52) U.S. Cl. 359/486; 359/487; 359/495; 359/496; 359/497

(58) Field of Search 359/352, 483, 359/485, 486, 487, 494, 495, 496, 497; 353/20; 362/19

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(57) **ABSTRACT**

A polarizing device has an arrangement of generally parallel elements disposed in an unpolarized source light beam for transmitting polarizations perpendicular to the elements and reflecting polarizations parallel to the elements. The elements may be disposed at substantially any incidence angle and may reflect the reflected beam at substantially any angle. The elements may be disposed on a substrate or embedded in a substrate. The elements may be disposed in a curved layer. The substrate may also have a curved surface. A polarizer apparatus may also have a mirror or the like for redirecting or recapturing the transmitted or reflected beam so they have similar directions or are directed to a common area. The device may also have a wave plate or the like for changing the polarization of the transmitted or reflected beams so they have the same polarization.

56 Claims, 7 Drawing Sheets

